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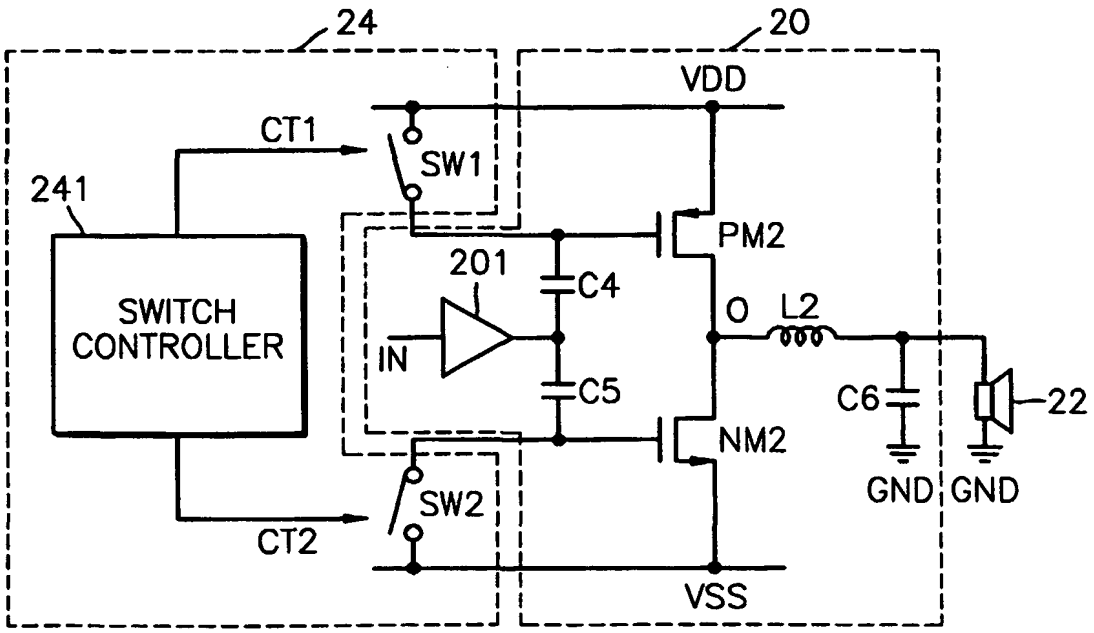
(54) Title: CIRCUIT AND METHOD FOR ELIMINATING POP NOISE IN DIGITAL AUDIO AMPLIFIER USING DUAL POWER SUPPLY



(57) Abstract: Provided are a circuit for and a method of eliminating pop noise in a digital audio amplifier using dual power supply, which are simple, drop in price, and can be readily implemented in a semiconductor chip. According to an existing technique, pop noise is eliminated using a relay. However, in the present circuit and method, pop noise is eliminated using the small number of discrete electronic devices. The circuit for eliminating pop noise controls a voltage at a gate of a power switch, i.e., a power MOS transistor, when power supply voltages are applied and the application of power supply voltages is stopped.

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